American Dyestuff Reporter

INDEX

TO

VOLUME XI

(Thirteen Issues)

July 3, 1922, to December 18, 1922, Inclusive

Subject Index

A

Subject — Page

A Quarter Century of Technical Education in Textile Chemistry and Dyeing (Olney) 181
Acid Colors: List of American
[See under "American-Made"]
A. C. S. Dye Division Papers, Spring Meeting, 1922: Abstracts of.. 265
Alizarine Dyes on Silk: The True (Emmons)..... 160
Aluminum Chloride Processes: Carbonizing Raw Wool and Noils by the Sulphuric Acid and ("Consulting Textile Chemist")..... 187
American Association of Textile Chemists and Colorists. [See under "Proceedings."]
American-Made Colors:
Group I—Acid Colors 284
Group II—Basic Colors 315
Group III—Chrome Colors 352
Group IV—Direct Colors 373
Group V—Eosines and Similar Products. Fur Dyes. Nigrosines, Induline and Oil Colors. Sulphur Colors. Vat Colors..... 411
Apparatus: A Consideration of the Various Substances Used in the Construction of Dyeing and Bleaching Utensils and (Grandage and Hadley)
[See under "Consideration"]
Application of Hydrogen Peroxide: Manufacture and (Wilson)..... 137
Artificial Silk and Its Applications in the Textile Industry (King)... 317
Artificial Silk: Dyeing of Mixtures Containing (Emmons)..... 268
Artificial Silk: Some Recent Important Developments in..... 155

B

Basic Colors: List of American
[See under "American-Made"]
Basic Colors: Notes on Some Effects Produced Through the Printing of (Sansone) 86
Benefits to Be Derived from a Standard Raw Silk Classification (Lewis) 335
Bleaching and Dyeing Tussah Silk (Emmons)..... 463
Bleaching Agent: Sodium Peroxide as a (Nanson)..... 419
Bleaching Cotton: Gain or Loss of Weight in Dyeing and..... 366
Bleaching of Cotton Piece Goods (Bailey)..... 122
Bleaching: Colors Fast to (Schwarz)..... 222
Bleaching in Laundries..... 325
Bleaching Utensils and Apparatus: A Consideration of the Various Substances Used in the Construction of Dyeing and (Grandage and Hadley)
[See under "Consideration"]
Bright Colors and Tints on Carpet and Rug Yarns (Holden)..... 209
Blue Dyes Used for Tinting White Goods in Laundries..... 130

C

Calf: Manufacture of Chrome Ooze (Jackson)..... 297
Carbonizing Raw Wool and Noils by the Sulphuric Acid and Aluminum Chloride Processes ("Consulting Textile Chemist")..... 187
Carpet and Rug Yarns: Bright Colors and Tints on (Holden)..... 209
Cellulose Acetate Silk: Dyeing of (Sanderson)..... 6
Centrifugal Extractors (Hadley and Grandage)..... 193
Chemical Control of Dyestuffs (Scott)..... 225
Chemical Research in the Power Laundry Industry (Shupp)..... 336
Chemical Solutions: Mechanical Appliances for Pumping (Fischer)
[See under "Mechanical"]
Chemistry of Dyestuffs: The New Physics, and the (Claflin)..... 219
Chromates of Lead in Dyeing and Calico Printing (Nanson)..... 467
Chrome Colors: List of American
[See under "American-Made"]
Chrome Colors: The Mordanting of Worsted Piece Dyes for Certain Fast (Moore) 252
Chrome Mordants and Chrome Dyes..... 281
Chrome Ooze Calf: Manufacture of (Jackson)..... 297
Chlorides in Warp Sizing..... 338
Classification: Benefits to Be Derived from a Standard Raw Silk (Lewis) 335
Cloths: Fine Wool Mixture ("An Old Cloth Raiser")..... 240
Cloth for Finishing: Preparation of (Higgins and Hodge)..... 276
Cloth for Finishing: Preparation of..... 174
Colors: American-Made
[See under "American"]
Colors: Direct (Greenhalgh)..... 172
Color Matching: Worsted (Kershaw)..... 246
Colors: The Mordanting of Worsted Piece Dyes for Certain Fast Chrome (Moore) 252
Colors: Notes on Some Effects Produced Through the Printing of Basic (Sansone) 86
Colors and Tints on Carpet and Rug Yarns: Bright (Holden)..... 209
Colors Fast to Bleaching (Schwarz)..... 222
Consideration of the Various Substances Used in the Construction of Dyeing and Bleaching Utensils and Apparatus: A (Grandage and Hadley)
Part I 41
Part II 73
Part III 112
Control of Dyestuffs: Chemical (Scott)..... 225
Cotton Piece Goods: Bleaching of (Bailey)..... 122
Cotton: Gain or Loss of Weight in Dyeing and Bleaching..... 366
Cotton Piece Goods: Notes on the Dyeing of Direct Blacks on (Sansone)
[See under "Notes"]
Cotton Piece Goods on the Padder: Dyeing (Deady)..... 333
Cotton Piece Goods: Practical Dyeing of (Alling and Brainerd).... 369
Cotton Softeners (Estey)..... 299
Cotton Warp Dyeing: Yarn Breakage in (Sidebottom)..... 4
Cotton Warps: Naphthol AS and BS and Their Use in the Dyeing of (Morris) 215
Cotton Yarn: High Polish for..... 424
Covering Vegetable Fibers in Woolen Piece Goods (Sanderson)..... 43

D

Subject — Page

Defects Developed During Wool Cloth Finishing (Midgley)..... 87
Direct Blacks on Cotton Piece Goods: Notes on the Dyeing of (Sansone)
[See under "Notes"]
Direct Colors (Greenhalgh)..... 172
Direct Colors: List of American
[See under "American-Made"]
Discharge Styles: Turkey Red (Wilson)..... 158
Discussion of Washing Standards on Silk (A. A. T. C. C.)..... 348
Dye Division, A. C. S., Spring Meeting, 1922: Abstracts of Papers.. 265
Dyehouse: Efficiency in the Worsted (B. T. C.)
[See under "Efficiency"]
Dyehouse: Lime in the (Darling)..... 323
Dyeing: A Quarter Century of Technical Education in Textile Chemistry and (Olney)..... 181
Dyeing and Bleaching Cotton: Gain or Loss of Weight in..... 366
Dyeing and Bleaching Utensils and Apparatus: A Consideration of the Various Substances Used in the Construction of (Grandage and Hadley)
[See under "Consideration"]
Dyeing and Calico Printing: Chromates of Lead in (Nanson)..... 467
Dyeing of Cellulose Acetate Silk (Sanderson)..... 6
Dyeing Cotton Piece Goods on the Padder (Deady)..... 333
Dyeing of Cotton Piece Goods: Practical (Alling and Brainerd)..... 369
Dyeing of Cotton Warps: Naphthol AS and BS and Their Use in the (Morris)..... 215
Dyeing: Formic Acid and (G. H. Johnson)..... 1
Dyeing with Indigo..... 306
Dyeing Material Containing Pulled Wool to Which Particles of Skin Adhere (Templeton)..... 9
Dyeing of Mixtures Containing Artificial Silk (Emmons)..... 268
Dyeing: Hosiery (Brainerd, A. T., and Brainerd, W. E.)..... 441
Dyeing: Multi-Color Effects in Simple Piece (Cross)..... 377
Dyeing: Physical Chemistry of (Briggs and Bull)..... 447
Dyeing: Preparation of Woolens for Piece (Everett)..... 300
Dyeing Sweat Pad Goods (Wilkinson)..... 357
Dyeing: Time and Temperature Control in Piece (Incoll)..... 13
Dyeing Tussah Silk: Bleaching and (Emmons)..... 463
Dyeing Viscose Silk (Emmons)..... 79
Dyeing Wool-Silk Materials the Same Shade (Emmons)..... 399
Dyeing Worsted Fabrics (Matos)..... 152
Dyeing: Yarn Breakage in Cotton Warp (Sidebottom)..... 4
Dyers Should Insist on a Report on the Quality of Raw Silk: Why Silk (Lewis)..... 151
Dyes: Chrome Mordants and Chrome..... 281
Dyes to Light: Summary of Progress of Investigators to Determine Fastness of (A. A. T. C. C.)..... 382
Dyes and Their Names..... 423
Dyes and Their Fastness to Light Under the Quartz Mercury Arc Lamp: Testing of (A. A. T. C. C.) (Robinson)..... 384
Dyes Used for Tinting White Goods in Laundries: Blue..... 130
Dyes on Silk: The True Alizarine (Emmons)..... 160
Dyestuff Industry as Seen from a Dyestuff Laboratory: Some Aspects of the (Rose)..... 221
Dyestuffs: Chemical Control of (Scott)..... 225
Dyestuffs: The Merchandising of (Claflin)..... 261
Dyestuffs: The New Physics, and the Chemistry of (Claflin)..... 219
Dyestuffs: The Practical Examination of (Sidebottom)..... 248

E

EDITORIALS—
The New Trend in Dyestuff Advertising..... 22
A Lesson from Manchester in Business Ethics..... 23
Drifting..... 55
Some Aspects of "The Chemical Question"..... 99
The 1921 Dye Census..... 133
The English Color Index..... 134
A Warning Which Should Be Heeded..... 134
An Invitation to the A. A. T. C. C. Members..... 167
The Senate Dye Decision..... 167
Welcome..... 199
Executives for the American Dye Industry..... 199
Dr. Jokichi Takamine: A Tribute..... 200
The Die Is Cast..... 254
The Ninth Chemical Show?..... 254
Our Fifth Anniversary..... 291
The Need of the Hour..... 292
Herman A. Metz..... 293
Foreign Recognition of a Necessity..... 327
Chemical Education..... 355
A Chance to Save the 1923 Chemical Show?..... 356
The Wrong Road to Harmony..... 387
The Reporter Index, the Proceedings Index—and an Announcement 459
A Useful Organization Arrives..... 459
Efficiencies: Observations on Textile (Chambers)..... 127
Efficiency in the Worsted Dyehouse (B. T. C.)—
Part I..... 37
Part II..... 75
Eosines: List of American
[See under "American-Made"]
Examination of Dyestuffs: The Practical (Sidebottom)..... 248
Extractors: Centrifugal (Hadley and Grandage)..... 193

F

Fabrics: Dyeing Worsted (Matos)..... 152
Fast to Bleaching: Colors (Schwarz)..... 222
Fast Chrome Colors: The Mordanting of Worsted Piece Dyes for Certain (Moore)..... 252
Fastness of Dyes to Light: Summary of Progress of Investigators to Determine (A. A. T. C. C.)..... 382
Fastness: German Tests for..... 18
Fibers: New Protective Agent for Animal (Edge)..... 52
Fine Wool Mixture Cloths ("An Old Cloth Raiser")..... 240
Finish: The Velour..... 205
Finishing: Defects Developed During Wool Cloth (Midgley)..... 87
Finishing of Fine Worsteds and Woolens: The (Jackman)..... 163
Finishing Plant Production: Increasing (Reoch)..... 81
Finishing: Preparation of Cloth for (Higgins and Hodge)..... 276
Finishing: Preparation of Cloth for..... 174
Flax and Research: German (Goldthwait)..... 228
FOREIGN TRADE OPPORTUNITIES.....57, 135
Formic Acid and Dyeing (G. H. Johnson)..... 1
Fur Dyes: List of American
[See under "American-Made"]

G

Subject — Page

Gain or Loss of Weight in Dyeing and Bleaching Cotton..... 366
German Flax and Research (Goldthwait)..... 228
German Tests for Fastness..... 18

H

High Polish for Cotton Yarn..... 424
Hosiery Dyeing (Brainerd, A. T., and Brainerd, W. E.)..... 441
Hydrogen Peroxide: Manufacture and Application of (Wilson)..... 137

I

Increasing Finishing Plant Production (Reoch)..... 81
Indigo: Dyeing with..... 306
Induline: American
[See under "American-Made"]
INQUIRY DEPARTMENT—
Dyeing Sulphur Blacks..... 29
Testing Fabrics..... 30

L

Lamp: Testing of Dyes and Their Fastness to Light Under the Quartz Mercury Arc (A. A. T. C. C.) (Robinson)..... 384
Laundries: Bleaching in..... 325
Laundry Industry: Chemical Research in the Power (Shupp)..... 336
LICENSES FOR DYE IMPORTS GRANTED BY U. S. TREASURY DEPARTMENT—
July, 1922..... 177
August, 1922..... 257
Lime in the Dyehouse (Darling)..... 323
Lime in the Textile Industry (Darling)..... 16

M

Management: Principles of Organization and (Attwood)..... 47
Manufacture and Application of Hydrogen Peroxide (Wilson)..... 137
Manufacture of Chrome Ooze Calf (Jackson)..... 297
Matching: Worsted Color (Kershaw)..... 246
Mechanical Appliances for Pumping Chemical Solutions (Fischer)—
Part I..... 301
Part II..... 339
Part III..... 401
MEN OF MARK IN THE DYESTUFF FIELD—
Charles F. Goldthwait..... 202
Merchandising of Dyestuffs: The (Claflin)..... 261
Microscope in the New Bedford Textile School: Use of the (Grimshaw)..... 275
Microscope in Textile Work: Use of the (Abstract) (Hoxie)..... 347
Milling: Scouring and (Schofield)..... 243
Mixtures Containing Artificial Silk: Dyeing of (Emmons)..... 268
Mordanting of Worsted Piece Dyes for Certain Fast Chrome Colors: The (Moore)..... 252
Mordants (Bancroft)—
Part I..... 145
Part II..... 211
Part III..... 391
Mordants and Chrome Dyes: Chrome..... 281
Multi-Color Effects in Simple Piece Dyeing (Cross)..... 377

N

Naphthol AS and BS and Their Use in the Dyeing of Cotton Warps (Morris)..... 215
New Protective Agent for Animal Fibers (Edge)..... 52
Nigrosines: List of American
[See under "American-Made"]
Notes on the Dyeing of Direct Blacks on Cotton Piece Goods (Sansone)—
Part I [Vol. X, p. 402]
Part II..... 115
Part III..... 189
Part IV..... 471
Notes on Some Effects Produced Through the Printing of Basic Colors (Sansone)..... 86

O

Observations on Textile Efficiencies (Chambers)..... 127
Oil Colors: List of American
[See under "American-Made"]
Organization and Management: Principles of (Attwood)..... 47
"Oxycellulose": Its Formation and Reactions. (Summary of Literature.) (Clifford and Fargher)..... 405

P

Padder: Dyeing Cotton Piece Goods on the (Deady)..... 333
PATENTS—
Logwood Dyeing..... 32
Knitted Hosiery..... 32
Process for Producing Color Effects..... 35
Dark Dye Combined with Soap, and Process of Producing..... 36
Stop Mechanism for Looms..... 58
Process of Expanding the Cross-Sections of Spun Silk Yarn..... 59
Cloth Tinting Composition and Process of Tinting Cloth..... 60
Azo Dye..... 61
Process of Disintegrating Vegetable Fibers for Use in the Textile and Paper Industries..... 62
Production of Pattern Effects in Cotton and Other Vegetable Fiber Fabrics, Including Silk..... 62
Fabric-Measuring and Cost-Computing Machine..... 101
Cloth-Treating Machine..... 103
Peroxide as a Bleaching Agent: Sodium (Nanson)..... 419

Subject — Page

Physical Chemistry of Dyeing (Briggs and Bull)..... 447
Physics, and the Chemistry of Dyestuffs: The New (Claflin)..... 219
Piece Dyeing: Multi-Color Effects in Simple (Cross)..... 377
Piece Dyeing: Preparation of Woolens for (Everett)..... 300
Piece Dyeing: Time and Temperature Control in (Incoll)..... 13
Piece Dyes for Certain Fast Chrome Colors: The Mordanting of Worsted (Moore)..... 252
Piece Goods: Bleaching of Cotton (Bailey)..... 122
Piece Goods: Covering Vegetable Fibers in (Sanderson)..... 43
Piece Goods: Notes on the Dyeing of Direct Blacks on Cotton (Sansone)
[See under "Notes"]
Piece Goods on the Padder: Dyeing Cotton (Deady)..... 333
Piece Goods: Practical Dyeing of Cotton (Alling and Brainerd)..... 369
Practical Dyeing of Cotton Piece Goods (Alling and Brainerd)..... 369
Practical Examination of Dyestuffs: The (Sidebottom)..... 248
Preparation of Cloth for Finishing (Higgins and Hodge)..... 276
Preparation of Cloth for Finishing..... 174
Preparation of Woolens for Piece Dyeing (Everett)..... 300
PROCEEDINGS OF THE AMERICAN ASSOCIATION OF TEXTILE CHEMISTS AND COLORISTS.....309, 345, 379, 451
Index to Proceedings..... 457
Principles of Organization and Management: The (Attwood)..... 47
Pumping Chemical Solutions: Mechanical Appliances for (Fischer)
[See under "Mechanical"]
Printing: Chromates of Lead in Dyeing and Calico (Nanson)..... 467

R

Raw Silk Classification: Benefits to Be Derived from a Standard Raw Silk (Lewis)..... 335
Research: German Flax and (Goldthwait)..... 228
Research in the Power Laundry Industry: Chemical (Shupp)..... 336
REVIEWS—
Bleaching and Dyeing of Jute..... 31
Dyes, Classified by Intermediates..... 31
Dyeing Unions Containing Cellulose Acetate Silk..... 31
Analysis of Woven Fabrics..... 31
Principles and Practice of Fur Dressing and Fur Dyeing..... 56
Yarn Printing Machines..... 57
Rugs: Shampooing (Goldthwait)..... 109
Rug Yarns: Bright Colors and Tints on Carpet and (Holden)..... 209

S

Scouring and Milling (Schofield)..... 243
Scouring Worsted Goods..... 84
Shade: Dyeing Wool-Silk Materials the Same (Emmons)..... 399
Shampooing Rugs (Goldthwait)..... 109
Silk: Bleaching and Dyeing Tussah (Emmons)..... 463
Silk Classification: Benefits to Be Derived from a Standard Raw (Lewis)..... 335
Silk: Discussion of Washing Standards on (A. A. T. C. C.)..... 348
Silk: Dyeing of Cellulose Acetate (Sanderson)..... 6
Silk: Dyeing of Mixtures Containing Artificial (Emmons)..... 268
Silk: Dyeing Viscose (Emmons)..... 79
Silk Dyers Should Insist on a Report on the Quality of Raw Silk: Why (Lewis)..... 151
Silk and Its Applications in the Textile Industry: Artificial (King)... 317
Silk Materials the Same Shade: Dyeing Wool- (Emmons)..... 399
Silk: Some Recent Important Developments in Artificial..... 155
Silk: The True Alizarine Dyes on (Emmons)..... 160
Sizing: Chlorides in Warp..... 338
Sodium Peroxide as a Bleaching Agent (Nanson)..... 419
Softeners: Cotton (Estey)..... 299
Solutions: Mechanical Appliances for Pumping Chemical (Fischer)
[See under "Mechanical"]
Some Aspects of the Dyestuff Industry as Seen from a Dyestuff Laboratory (Rose)..... 221
Some Recent Important Developments in Artificial Silk..... 155
Sulphur Colors: List of American
[See under "American-Made"]
Sulphuric Acid and Aluminum Chloride Processes: Carbonizing Raw Wool and Noils by the ("Consulting Textile Chemist")..... 187
Sweat Pad Goods: Dyeing (Wilkinson)..... 357

T

Subject — Page

Technical Education in Textile Chemistry and Dyeing: A Quarter Century of (Olney)..... 181
Temperature Control in Piece Dyeing: Time and (Incoll)..... 13
Testing of Dyes and Their Fastness to Light Under the Quartz Mercury Arc Lamp (A. A. T. C. C.) (Robinson)..... 384
Textile Chemistry and Dyeing: A Quarter Century of Technical Education in (Olney)..... 181
Textile Efficiencies: Observations on (Chambers)..... 127
Textile Industry: Artificial Silk and Its Applications in the (King)... 317
Textile Industry: Lime in the (Darling)..... 16
Textile School: Use of the Microscope in the New Bedford (Grimshaw)..... 275
Textile Work: Use of the Microscope in (Abstract) (Hoxie)..... 347
Textiles: A Chemical Industry (Goldthwait)..... 207
THINGS EVERY TEXTILE CHEMIST AND COLORIST SHOULD KNOW—
No. 6—Chlorinated Wool..... 42
No. 7—Mercerization and the Action of Chlorinated Alkalis on Cotton..... 113
No. 8—The Soxhlet Extractor..... 307
Time and Temperature Control in Piece Dyeing (Incoll)..... 13
True Alizarine Dyes on Silk: The (Emmons)..... 160
Turkey Red Discharge Styles (Wilson)..... 158

U

Use of the Microscope in the New Bedford Textile School (Grimshaw)..... 275
Use of the Microscope in Textile Work (Abstract) (Hoxie)..... 347

V

Vat Colors: List of American
[See under "American-Made"]
Velour Finish..... 205
Viscose Silk: Dyeing (Emmons)..... 79

W

Warp Sizing: Chlorides in..... 338
Washing Standards on Silk: Discussion of (A. A. T. C. C.)..... 348
White Goods in Laundries: Blue Dyes Used for Tinting..... 130
Why Silk Dyers Should Insist on a Report on the Quality of Raw Silk (Lewis)..... 151
Wool Cloth Finishing: Defects Developed During (Midgley)..... 87
Wool Mixture Cloths: Fine ("An Old Cloth Raiser")..... 240
Wool to Which Particles of Skin Adhere: Dyeing Material Containing Pulled (Templeton)..... 9
Wool and Noils by the Sulphuric Acid and Aluminum Chloride Processes: Carbonizing Raw ("Consulting Textile Chemist")..... 187
Wool-Silk Materials the Same Shade: Dyeing (Emmons)..... 399
Woolen Piece Goods: Covering Vegetable Fibers in (Sanderson)..... 43
Woolens: The Finishing of Fine Worsteds and (Jackman)..... 163
Woolens for Piece Dyeing: Preparation of (Everett)..... 300
Worsted Color Matching (Kershaw)..... 246
Worsted Dyehouse: Efficiency in the (B. T. C.)
[See under "Efficiency"]
Worsted Fabrics: Dyeing (Matos)..... 152
Worsted Goods: Scouring..... 84
Worsted Piece Dyes for Certain Fast Chrome Colors: The Mordanting of (Moore)..... 252
Worsteds and Woolens: The Finishing of Fine (Jackman)..... 163

Y

Yarn Breakage in Cotton Warp Dyeing (Sidebottom)..... 4
Yarn: High Polish for Cotton..... 424
Yarns: Bright Colors and Tints on Carpet and Rug (Holden)..... 209

Author Index

Author — Page

"A CONSULTING TEXTILE CHEMIST"—
Carbonizing Raw Wool and Noils by the Sulphuric Acid and Aluminum Chloride Processes..... 187
ALLING, M. W.—
The Practical Dyeing of Cotton Piece Goods (in collaboration with C. L. BRAINERD)..... 369
"AN OLD CLOTH RAISER"—
Fine Wool Mixture Cloths..... 240
ATTWOOD, WALLACE—
Principles of Organization and Management..... 47
"B. T. C."—
Efficiency in the Worsted Dyehouse:
Part I..... 37
Part II..... 75
BAILEY, WILLIAM A.—
Bleaching of Cotton Goods..... 122
BANCROFT, WILDER D.—
Mordants:
Part I..... 145
Part II..... 211
Part III..... 391
BRAINERD, ARTHUR T.—
Hosiery Dyeing (in collaboration with WALTER E. BRAINERD) 441
BRAINERD, C. L.—
The Practical Dyeing of Cotton Piece Goods (in collaboration with M. W. ALLING)..... 369
BRAINERD, WALTER E.—
Hosiery Dyeing (in collaboration with ARTHUR T. BRAINERD) 441
BRIGGS, T. R.—
Physical Chemistry of Dyeing (in collaboration with ARTHUR W. BULL)..... 447
BULL, ARTHUR W.—
Physical Chemistry of Dyeing (in collaboration with T. R. BRIGGS) 447
CHAMBERS, E. V.—
Observations on Textile Efficiencies..... 127
CLAFLIN, ALAN B.—
The Merchandising of Dyestuffs..... 261
The New Physics, and the Chemistry of Dyestuffs..... 219
CLIFFORD, PERCY HERBERT—
"Oxycellulose": Its Formation and Reactions. A Summary of the Literature (in collaboration with ROBERT GEORGE FARGHER)..... 405
CROSS, REX—
Multi-Color Effects in Simple Piece Dyeing..... 377

Author	Page
DARLING, ELTON R.—	
Lime in the Dyehouse	323
Lime in the Textile Industry	16
DEADY, WILLIAM F.—	
Dyeing Cotton Piece Goods on the Padder	333
EDGE, ALFRED—	
The New Protective Agent for Animal Fibers	52
EMMONS, GEORGE—	
Dyeing of Mixtures Containing Artificial Silk	268
Dyeing Wool-Silk Materials the Same Shade	399
Dyeing Viscose Silk	79
The True Alizarine Dyes on Silk	160
ESTEY, P. F.—	
Cotton Softeners	299
EVERETT, CHARLES A.—	
Preparation of Woolens for Piece Dyeing	300
FARGHER, ROBERT GEORGE—	
"Oxycellulose": Its Formation and Reactions. A Summary of the Literature (in collaboration with PERCY HERBERT CLIFFORD)	405
FISCHER, A. K.—	
Mechanical Appliances for Pumping Chemical Solutions:	
Part I	301
Part II	339
Part III	401
GOLDTHWAIT, CHARLES F.—	
German Flax and Research	228
Shampooing Rugs	109
Textiles: A Chemical Industry	207
GRANDAGE, H.—	
Centrifugal Extractors (in collaboration with W. E. HADLEY)	193
A Consideration of the Various Substances Used in the Construction of Dyeing and Bleaching Utensils and Apparatus (in collaboration with W. E. HADLEY):	
Part I	41
Part II	73
Part III	112
GREENHALGH, E.—	
The Direct Colors	172
GRIMSHAW, ALBERT H.—	
Use of the Microscope in the New Bedford Textile School	275
HADLEY, W. E.—	
Centrifugal Extractors (in collaboration with H. GRANDAGE)	193
A Consideration of the Various Substances Used in the Construction of Dyeing and Bleaching Utensils and Apparatus (in collaboration with H. GRANDAGE):	
Part I	41
Part II	73
Part III	112
HIGGINS, H. S.—	
Preparation of Cloth for Finishing (in collaboration with ANDREW HODGE)	276
HODGE, ANDREW—	
Preparation of Cloth for Finishing (in collaboration with H. S. HIGGINS)	276
HOLDEN, FRANK C.—	
Bright Colors and Tints on Carpet and Rug Yarns	209
HOXIE, FREDERICK J.—	
Use of the Microscope in Textile Work (Abstract)	347
INCOLL, NORPUT—	
Time and Temperature Control in Piece Dyeing	13
JACKMAN, A.—	
The Finishing of Fine Worsteds and Woolens	163
JACKSON, WILLIAM C.—	
The Manufacture of Chrome Ooze Calf	297
JOHNSON, GEORGE H.—	
Formic Acid and Dyeing	1
KERSHAW, SAMUEL—	
Worsted Color Matching	246
KING, P. E.—	
Artificial Silk and Its Applications in the Textile Industry	317
LEWIS, L. C.—	
Benefits to Be Derived from a Standard Raw Silk Classification	335
Why Silk Dyers Should Insist on a Report on the Quality of Raw Silk	151
MATOS, LOUIS J.—	
Dyeing Worsted Fabrics	152
MIDGLEY, EBER—	
Defects Developed During Wool Cloth Finishing	87
MOORE, KARL R.—	
The Mordanting of Worsted Piece Dyes for Certain Fast Chrome Colors	252
MORRIS, MERRILL G.—	
Naphthol AS and BS, and Their Use in the Dyeing of Cotton Warps	215
NANSON, WILLIAM B.—	
Sodium Peroxide as a Bleaching Agent	419
OLNEY, LOUIS A.—	
A Quarter Century of Technical Education in Textile Chemistry and Dyeing	181
REOCH, R. A. S.—	
Increasing Finishing Plant Production	81
ROBINSON, S. W.—	
The Testing of Dyes and Their Fastness to Light Under the Quartz Mercury Arc Lamp	384
ROSE, ROBERT E.—	
Some Aspects of the Dyestuff Industry as Seen from a Dyestuff Laboratory	221
SANDERSON, W. E.—	
Covering Vegetable Fibers in Woolen Piece Goods	43
Dyeing of Cellulose Acetate Silk	6
SANSONE, RAFFAELE—	
Notes on Backcloths	425
Notes on the Dyeing of Direct Blacks on Cotton Piece Goods:	
Part I (Vol. X, p. 402)	
Part II	115
Part III	289
Part IV	471
Notes on Some Effects Produced Through the Printing of Basic Colors	86
SCHOFIELD, J.—	
Scouring and Milling	243
SCHWARZ, H. F.—	
Colors Fast to Bleaching	222
SCOTT, WALTER M.—	
Chemical Control of Dyestuffs	225
SHUPP, A. F.—	
Chemical Research in the Power Laundry Industry	336
SIDEBOTTOM, LEON W.—	
The Practical Examination of Dyestuffs	248
Yarn Breakage in Cotton Warp Dyeing	4
TEMPLETON, GEORGE E.—	
Dyeing Material Containing Pulled Wool to Which Particles of Skin Adhere	9
WILKINSON, J.—	
Dyeing Sweat Pad Goods	357
WILSON, H.—	
Manufacture and Application of Hydrogen Peroxide	137
WILSON, J. A.—	
Turkey Red Discharge Styles	158

American Association of Textile Chemists and Colorists

INDEX

TO

PROCEEDINGS

From the Inaugural Meeting, November 3, 1921, to Material Published December 18, 1922

[*Does Not Include Second Annual Meeting*]

[*Note—For the convenience of members desiring to bind Proceedings separately, references in this Index are by Association page numbers, found at the* bottom *of each page, and running consecutively from* 1 *to* 100.]

A

Page

ABSTRACTS—
Mercerization (Chase) 32
Water Purification for Textile Purposes (Weston) 46
Some Chemical Aspects of Waterproofing and Mildew-Proofing Textile Fabrics (Adams) 56
Electrometric Titration as a Means of Determining the Free Sodium Sulphide in a Sulphur Black Dye Bath (Russell and Arnold) 68
Use of the Microscope in Textile Work (Hoxie) 87

Amsden, James L.: Death of 44

ASSOCIATION—
Inaugural Meeting 1
Constitution 13
Charter Members 16, 25, 51
Advance Program of Second Annual Meeting 90
Proposed Amendments to Constitution 90

AUTHORS—
Biery, Thomas J.:
Shaded Goods 60
Bume, Louis F.:
The Causes for Shady and for Cloudy Goods 59
Haskell, Walter F.:
Some Experiences with Uneven Warp Dyeing 61
Johnson, Frank E.:
Some Causes of Shadedness and Cloudedness 62
Murray, Wallace J.:
Differential Reduction of Vat Dyes 25
Bibliography of Literature on the Fastness of Dyes 39
Color Reactions for the Identification of Anthracene Vat Dyes 43
Development of Tests for the Fastness of Dyestuffs 51
Putnam, Leverett N.:
Experiences with Shady Piece Goods 63
Robinson, S. W.:
Testing of Dyes and Their Fastness to Light Under the Quartz Mercury Arc Lamp 94
Spencer, Frederick:
Causes of Unevenness in Top Dyeing 64

B

BOSTON SECTION—
Formation of 23
Organization Meeting 45

C

COMMUNICATIONS—
From the President 21
From the President 78
CORRESPONDENCE—
Louis A. Olney 29
A. Silverwood 30
Louis A. Olney 33
COUNCIL—
First Meeting 15
Second Meeting 22
Third Meeting 33
Fourth Meeting 41
Fifth Meeting 49
Sixth Meeting 53
Seventh Meeting 69
Eighth Meeting 80
Ninth Meeting 82
Tenth Meeting 89

Proceedings of the American Association of Textile Chemists and Colorists

D

Page

Discussion of Washing Standards on Silk 88

N

NEW YORK SECTION—
Formation of 34
Organization Meeting 38
Meeting, April 21, '22 57
Meeting, October 20, '22 83
NORTHERN NEW ENGLAND SECTION—
First Meeting ("Experience Meeting") 59
Meeting, October 21, '22 85

P

PAPERS—
Differential Reduction of Vat Dyes (Murray) 25
Bibliography of Literature on the Fastness of Dyes (Murray) 39
Color Reactions for the Identification of Anthracene Vat Dyes (Murray) 43
Development of Tests for the Fastness of Dyestuffs (Murray) 51
Causes for Shady and for Cloudy Goods (Bume) 59
Shaded Goods (Biery) 60
Some Experiences with Uneven Warp Dyeing (Haskell) 61
Some Causes of Shadedness and Cloudedness (Johnson) 62
Experiences with Shady Piece Goods (Putnam) 63
Causes of Unevenness in Top Dyeing (Spencer) 64
Testing of Dyes and Their Fastness to Light Under the Quartz Mercury Arc Lamp (Robinson) 94
PHILADELPHIA SECTION—
Formation 73
Organization Meeting 91

Q

Page

Quin, E. G.: In Memoriam 84

R

RESEARCH COMMITTEE—
First Meeting 22
Second Meeting 36
Third Meeting 42
Fourth Meeting 50
Fifth Meeting 58
Provisional Method on Fastness of Dyed Wool to Fulling, Scouring and Washing 54
Sixth Meeting 69
Provisional Method on Fastness of Dyed Silk to Washing, Scouring and Fulling 70
Seventh Meeting 74
Provisional Method on Fastness to Washing, Soaping, Laundering and Fulling of Dyed and Printed Cotton Against White Cotton .. 75
Eighth Meeting 81
RHODE ISLAND SECTION—
Formation of 16
Inaugural Meeting 31
Second Meeting 43
Joint Meeting with R. I. Section, A. C. S. 56
Meeting, October 20, '22 86

S

Summary of Progress Made by Various Investigators in an Effort to Standardize Methods for Determining the Fastness of Dyes to Light 92